

ABSTRACT OF DISCLOSURE

An adaptive recording control method and apparatus independently controlling the power levels of a first pulse, a multi-pulse, and a last pulse . The adaptive recording control method of an optical recording medium, according to which a mark is formed using a multiple pulse train comprising a first pulse, a multi-pulse having a reference power level, and a last pulse, and the power levels of the first and last pulses are controlled in comparison with a reference power level of the multi-pulse depending on a correlation between a mark and a space between successive marks, setting the power level of the first pulse depending on the correlation between the mark and the space; setting the power level of the last pulse depending on the correlation between the mark and the space; and driving a recording unit by the multiple pulse train having the set power levels of the first and last pulses.

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